

polyvinyl chloride, moquette, and the like. Employed as the sensor 2 may be a pressure sensitive sensor wherein the electrical resistance is changed by pressure or a strain gage, just like the conventional example.

Though the slit 7 is formed to extend forward from the rear end of the pad 1 in the embodiment shown in FIGS. 3a and 3b, the slit 7 may be formed to extend from the front end or side toward the center of the pad 1 in case that the cover 8 wraps the pad 1 as shown in FIG. 4.

As mentioned above, in the seat with the seat sensor according to the present invention, the sensor is disposed inside the pad so that the occupant never feel bad touch even when the occupant sits down on the pad above the sensor. This structure can eliminate the necessity of providing a slab or a laminate on the top of the pad, thereby facilitating the manufacture of the seat with seat sensor and thus extremely reducing the manufacturing cost.

What is claimed is:

1. A seat with a seat sensor, comprising:

a pressure sensitive sheet sensor for sensing a pressure having a terminal and a cable for connecting the sheet sensor and the terminal, and

a seat pad for allowing a user to sit thereon, said seat pad having a slit extending horizontally from a rear peripheral side of the seat pad to a middle area of the seat pad, said slit having a width and a height to allow the sheet sensor to enter from the rear peripheral side to the middle area thereof so that the sheet sensor is disposed inside the seat pad, and the terminal projects from the rear side of the seat pad.

2. A seat with a seat sensor according to claim 1, further comprising a cover for covering the seat pad.

\* \* \* \* \*